

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED AS PER ECO-20-003566.	09MAR2020	TC	NP

-XX	DESIGNATION
00	STRAIGHT PLUG
00-H	
01	ANGLE PLUG
01-H	
02	STRAIGHT BULKHEAD JACK
03	STRAIGHT JACK
04	STRAIGHT PANEL JACK
05	STRAIGHT PLUG
05-H	

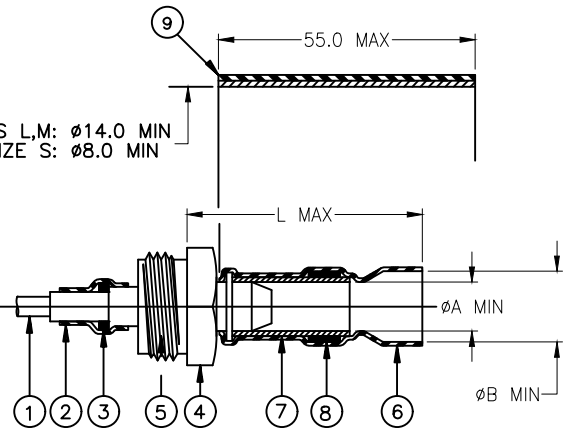
⊗ -H PARTS HAVE HEX NUT COUPLING WITH LOCK WIRE HOLES.

SCALE: NONE

MALE

FEMALE

SIZES L,M: $\phi 14.0$ MIN
SIZE S: $\phi 8.0$ MIN



FOR EXAMPLE: RTD-50-M-00

	PRODUCT DIMENSIONS			CABLE DIMENSIONS			
-X	L MAX	ØA MIN	ØB MIN	ØD MAX	ØF MAX	ØE	ØG
L	31.0	9.6	12.7	2.45	7.30	4.1/9.5	5.0/12.5
M	31.0	5.1	7.2	1.25	3.00	2.1/5.0	3.5/7.0
S	26.0	3.1	5.7	0.65	1.55	0.9/3.0	1.5/5.5

MATERIAL:

1. CENTER CONTACT. GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
- 2,6. HEAT SHRINKABLE INSULATION SLEEVE, TRANSPARENT BLUE. RADIATION CROSS-LINKED MODIFIED POLYVINYLIDENE FLUORIDE.
3. SOLDER PREFORM. Sn63 Pb37 SOLDER ALLOY WITH ROLO FLUX PER ANSI-J-STD-004.
4. THREADED TRANSITION PART. SILVER PLATED BRASS.
5. INSULATOR. PTFE.
7. SOLDERSHIELD DEVICE. TIN PLATED COPPER BRAID WITH ROLO FLUX PER ANSI-J-STD-004.
8. SOLDER PREFORM (ON L AND M SIZE ONLY). Sn63 Pb37 SOLDER ALLOY WITH ROLO FLUX PER ANSI-J-STD-004.
9. HEAT SHRINKABLE INSULATION SLEEVE, BLACK. RADIATION CROSS-LINKED MODIFIED POLYOLEFIN WITH ADHESIVE.
10. INSULATOR (EXCEPT FOR ANGLE PLUG), PTFE.
11. BODY, NICKEL PLATED BRASS.

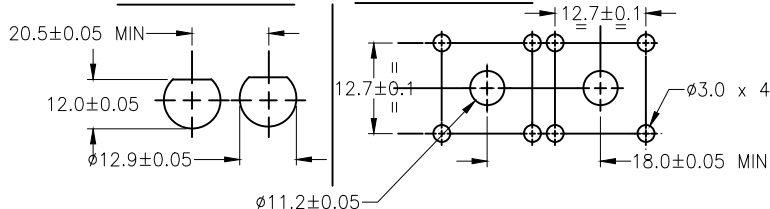
APPLICATION:

1. THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-PRF-39012 TNC INTERMEDIATE PART, A 50Ω SINGLE OR DOUBLE BRAIDED COAXIAL HAVING A:
- TIN OR SILVER PLATED COPPER OUTER CONDUCTOR.
- TIN OR SILVER PLATED COPPER INNER CONDUCTOR.
AND INSULATION RATED FOR AT LEAST +85°C.
2. TEMPERATURE RANGE:
* WITH BLACK SLEEVE: -55°C TO 100°C.
* WITHOUT BLACK SLEEVE: -55°C TO 150°C.
3. FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT RPI-683-00.

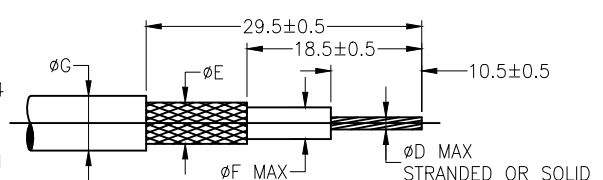
PANEL THICKNESS: 3.2 MAX

For RTD-50-X-02

For RTD-50-X-04



FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:



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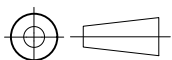
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DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -



DWN	T.CORREIA	09MAR2020
CHK	R.MACNAUGHTON	09MAR2020
APVD	N.PRZYBYLSKA	09MAR2020

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

MATERIAL

FINISH

TE

TE Connectivity

NAME

RF ONE STEP CONNECTOR
50 OHM TNC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A4

06090

RTD-50-Y-XX/-XX-H

CUSTOMER DRAWING

SCALE

DNS

SHEET

1 OF 1

REV C